

Section 1-2: Linear Measure

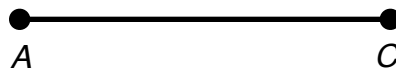
By the end of this lesson, you should be able to answer:

- How do you measure segments?
- How do you calculate with measures?

Define the following:

1. Line Segment
2. Betweenness of Points
3. Between
4. Congruent Segments
5. Construction

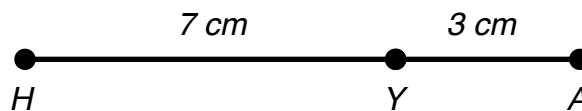
Example 1: Use a rule to measure the length of \overline{AC} in both metric and customary.



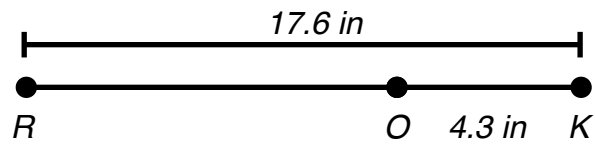
Example 2: Use a ruler to draw the following line segments.

- a. \overline{YO} , 2 inches long
- b. \overline{QI} , 12 cm long

Example 3: Find HA . Assume that the figure is not drawn to scale.

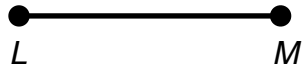


Example 4: Find RO . Assume that the figure is not drawn to scale.



Example 5: Find the value of x and HM if M is between H and R , $HM = 7x + 2$, $MR = 3x$, and $HR = 32$ units. (Hint: Sketch it!)

Example 6: Construct a congruent segment so that $\overline{JK} \cong \overline{LM}$.



Problem Set:

"Keep steadily before you the fact that all true success depends at last upon yourself." - Theodore T. Hunger